

Request for Bids
Yakama Nation – Yakima River Edge Habitat Project
Salmon Habitat Restoration near Cle Elum, Washington

The Yakama Nation's Yakima-Klickitat Fisheries Project (YKFP) is soliciting bids for a salmon habitat restoration project in the Upper Yakima River. The project is funded through a contract with Bonneville Power Administration. Accordingly, all federal requirements for contracting will apply to this project. This project involves selective timber harvest, transport of logs within a five-mile radius of the project site, and construction of engineered logjams (ELJs) involving installation of vertical log posts and placement of logs and racking material within the high water mark of the Yakima River. The project has been designed by Natural Systems Design, which is a civil engineering firm with extensive experience in design and installation of habitat structures in river systems. Natural Systems Design, Inc. (NSD) staff and YKFP Biologist(s) will provide field-direction to finalize locations and adjust construction of ELJ structures to accommodate local site conditions.

Interested contractors must provide examples of past restoration work involving heavy equipment and selective timber harvest work in sensitive areas including riparian floodplains. Operators and supervisor(s) for this project must have been involved in the example projects. Please provide responses to the following questions, and prices for fixed costs, lump sum and hourly rates as requested in the attached table.

The bidder must provide, at a minimum the following equipment (or equivalent by different manufacturer) to locally harvest trees and install the ELJs as shown on the plans:

- 300 Class Excavator (e.g., Caterpillar 330 or larger) with both bucket and thumb as well as hoe pack unit equipped with retention ring welded to the base to facilitate vibratory driving the ELJ posts
- 115-150 Class Excavator (e.g., Caterpillar 320 or larger) with both bucket and thumb as well as log grapple or means to easily align posts for driving and placing logs
- Self-loading log truck or other means for hauling locally-harvested logs from the harvest area to the project sites with minimal disturbance to forest vegetation and soils.

All work on this project will be field directed by habitat biologists employed by the YKFP and engineering staff from NSD. No changes to the Project Plan will be allowed without prior approval from the biologist in charge of this project or their representative.

Fill out Questionnaire and Bid Sheet and send along with the description of reference projects, a cover letter and a payment and performance bond of no less than 20% of the total bid, addressed to:

Yakama Nation Yakima-Klickitat Fisheries Project
C/O Carol Sue Martin
PO Box 151
Toppenish, WA 98948
(Shipping Address: 401 Fort Road Toppenish, WA 98948)

If interested in an award for this contract you must attend the only pre-bid site visit scheduled on Thursday, **September 25, 2014** at 10:00 AM. Bids are due no later than 4 PM local time on Friday, **October 3, 2014**.

The project will be conducted between **October 15, 2014 and February 1, 2015**. Because this project can be implemented in phases, the work may continue into the winter months if weather is conducive, and if deemed appropriate by the project managers.

Please note:

- Davis Bacon Wages apply to this contract. The winning contractor will adhere to the Davis Bacon rules and comply and submit all necessary paperwork to the Yakama Nation.
- A payment and performance bond is required for submittal of bids.
- The Yakama Nation is exempt from state taxes on this project. Please see the attached Treaty Fishery Exempt Cover Letter and Treaty Fishery Exempt Certificate. The winning contractor will receive signed copies for their records
- Awarded contractor must provide an outhouse for workers.
- The contractor will comply with TERO requirements.

Please note that this project is pending on permit issuance, which is anticipated by Sep 30, 2014.

This project will occur on federal properties with restricted access. For questions regarding the site visit and all other questions, please contact the Owner's Designated Representative, Scott Nicolai, at 509-962-6142 or 509 945-3163.

Questionnaire (use additional sheets as required)

Can you complete all work before November 30, 2014? _____.

Provide a schedule detailing start and finish of major activities to achieve project completion by November 30, 2014.

What other construction work will you have ongoing during this time and how will you ensure sufficient equipment and staff available to complete this project?

Please provide names and contact information of supervisor and equipment operators for this project:

On separate sheets, list a minimum of four stream or river habitat restoration projects with demands similar to this project. For each project, list references and phone numbers, provide a ½ page project description including project goal, key project metrics such as number of structures, number of logs and/or trees installed, project length, project construction cost and project duration. For each project also list the names of the equipment operators and supervisors, highlighting those personnel who will be involved with this project.

Describe experience with selective timber harvest in sensitive areas:

List the equipment you propose to use to complete this project and the uses performed by each piece of equipment, including:

- felling trees with root wads

- hauling logs from harvest location to installation site
- placing logs and rootwad logs
- installing log posts
- excavation and backfilling

Note that in sensitive areas where Type 1 ELJs are to be installed, only a single trackhoe will be allowed to access the installation site and install the Type 1 ELJs to minimize damage to existing riparian areas. List the equipment to be used and the approach to be taken to minimize damage to riparian vegetation and soils.

BID ITEM DESCRIPTIONS

NOTE: Number of ELJ structures and final locations of ELJs and access routes are estimated based on expected conditions at time of construction and shall be finalized with Contractor prior to construction based on available funding and actual conditions at the time and shall accommodate such issues as presence of sensitive soils, avoidance of damage to vegetation, presence of significant surface water, elevation of the Yakima River water surface and/or any limitations imposed by permit conditions. The unit prices for TESC (Type 1, 2 or 3), Access and Staging (Type 1, 2 or 3), Type 1 ELJ, Type 2 ELJ and Type 3 ELJ shall be valid for any variations in the number and locations of the ELJ structures listed in the Bid Tab. Due to funding limitations, only a portion of the structures shown on the Plans will be completed with this project. All unit prices shall apply to the price paid for a completed structure anywhere within the project area shown on the Plans, including log harvest and hauling within five mile radius of the outer limits of the project area shown on the Plans.

Mobilization / Demobilization – Bid item includes all work to mobilize equipment to the site and demobilize all equipment from the site following completion. Shall not exceed 10% of total final contract price.

TESC- Temporary Erosion and Sediment Control. Bid price, per each, includes all erosion and sediment control measures per each type of ELJ installed to protect water quality in conformance with all permits, including but not limited to covering bare soils prior to rain with jute erosion control matting and all bare soils at project completion, including access roads, with erosion control grass seed at a rate of 40 lbs/acre and 2” straw prior at project completion, installing temporary crossings over waterways to keep equipment elevated above flowing water, installing sand bags or bulk bags around excavations for Type 2 ELJs and Type 3 ELJs to keep flowing water from entering the excavation area and all materials (sand bags, silt fence, straw wattles, turbidity curtains etc) and labor to keep excavated materials from entering flowing water. Note that the Type 1 ELJs will be installed in flowing water without installation of cofferdams or fish exclusion. The Type 2 ELJs and Type 3 ELJs will be installed on predominantly dry gravel bars but cofferdams or sand bag berms may be required to keep flowing water from entering excavations if river levels change during construction. The unit price per each shall relate directly to the associated type of ELJ being installed (Type 1, 2 or 3).

Access and Staging – Bid price, per each includes all work to establish access routes within the work area needed to install each structure (Type 1, 2 or 3) and all work to stage materials within the work site to allow construction of the ELJs. Includes all costs to restore access routes at project completion, including scarifying the soils and scattering any brush removed as part of installation of access roads over the disturbed areas. Existing roads shall be used as access roads wherever possible. Contractor to suggest locations for staging areas for Biologist’s review and approval. All cleared material greater than 4” diameter and 10 ft long shall be salvaged for incorporation into the ELJs;

costs for salvage and incorporation shall be included in this bid item. Costs for erosion control on access roads is included in the bid item TESC (Type 1, 2 or 3).

Type 1 ELJ – Bid price, per each includes all work to construct the ELJ as shown on the Plans, including but not limited to local harvest and haul of trees and racking material, site clearing and preparation, excavation of existing soils, structure layout, adjustment of structure design as directed by NSD engineering staff to accommodate site conditions, placement of posts, rootwad logs, logs and racking material, incorporation of cleared materials, compaction, backfill, rope lashing and restoration of the site.

Type 2 ELJ – Bid price, per each includes all work to construct the ELJ as shown on the Plans, including but not limited to local harvest and haul of trees and racking material, site clearing and preparation, excavation, structure layout, adjustment of structure design as directed by NSD engineering staff to accommodate site conditions, placement of rootwad posts, rootwad logs, logs, and racking material, incorporation of cleared materials, compaction, backfill, rope lashing and restoration of the site.

Type 3 ELJ – Bid price, per each includes all work to construct the ELJ as shown on the Plans, including but not limited to local harvest and haul of trees and racking material, site clearing and preparation, excavation, structure layout, adjustment of structure design as directed by NSD engineering staff to accommodate site conditions, placement of posts and racking material, incorporation of cleared materials, compaction, backfill, rope lashing and restoration of the site.

Hourly Rate Items – List individual hourly rates for items shown in the Bid Tab. These items will be paid for on an as-needed basis to perform additional services as requested by the YKFP.

BID SHEET

Contractor: _____

Date: _____

Fixed Price Items:

Item	No. ea	Units	Bid Unit Price	Total price
Mobilization / Demobilization (10% max)	1	Lump sum		
TESC, Type 1 ELJ	7	Each		
TESC, Type 2 ELJ	1	Each		
TESC, Type 3 ELJ	1	Each		
Access & Staging, Type 1 ELJ	7	Each		
Access & Staging, Type 2 ELJ	1	Each		
Access & Staging, Type 3 ELJ	1	Each		
Type 1 ELJ	7	Each		
Type 2 ELJ	1	Each		
Type 3 ELJ	1	Each		
			Total Bid Amount	

BID SHEET –

Contractor: _____

Date: _____

Hourly Rate Items –Minimum Equipment Descriptions provided earlier apply to these hourly rates		
	General Laborer	
	Tree Feller	
	Equipment Operation: 300 Class Excavator with minimum bucket capacity of 2.5 cubic yards (e.g., Caterpillar 330 excavator or larger), including operator	
	Equipment Operation: Self-loading log truck or equivalent approved by YKFP project manager.	
	Equipment Operation: Class 115-150 Excavator (e.g., Caterpillar 320excavator),including operator	
	Site supervisor	